



BRUHAT BENGALURU MAHANAGARA PALIKE
YELAHANKA DIVISION

**Name of Work: Improvements To Roads and Drains And Other Developmental Works
At Akshaya, Thirumalanagar, Muneshwara Layout, Sri Sai Layout, B Sector And
Surrounding Areas in Ward No-03 And 04 Of Yelahanka Division Under
Amruth Nagarothan Grants [PACKAGE NO-03]**

First and Part Bill



NINETECH

INFRA SOLUTIONS PVT. LTD.

NINETECH INFRA SOLUTIONS PVT. LTD

#14, 3rd floor, Hithaa Complex, 80ft. Ring Road, Nagadevanahally, Kengeri, Bengaluru 560056
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BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:

2

Item Name:

Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work. Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4, Page No-5 PWD SR 2021-22)

SLNO	CHAINAGE	NO	L	B	D	QTY	Remarks
	Land Mark		(m)	(m)	(m)		

Date of Measurement:- 05-9-2022 11-11-2022

RCC DRAIN

Ward No -04

From 9th B Cross Road

6th B Main road - B - Sector (RHS)

0.00	12.70	1	12.70	1.40	1.00	17.78	
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6th B Main road - B - Sector (LHS)

0.00	30.00	1	30.00	1.40	1.00	42.00	
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30.00	49.00	1	19.00	1.40	1.00	26.60	
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49.00	56.80	1	7.80	-	-	-	CULVERT
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56.80	86.80	1	30.00	1.40	1.00	42.00	
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86.80	102.80	1	16.00	1.40	1.00	22.40	
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102.80	117.20	1	14.40	-	-	-	NO WORK
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117.20	147.20	1	30.00	1.40	1.00	42.00	
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147.20	177.20	1	30.00	1.40	1.00	42.00	
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177.20	207.20	1	30.00	1.40	1.00	42.00	
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207.20	227.00	1	19.80	1.40	1.00	27.72	
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227.00	240.60	1	13.60	-	-	-	NO WORK
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240.60	258.00	1	17.40	1.40	1.00	24.36	
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258.00	265.50	1	7.50	-	-	-	CULVERT
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265.50	295.50	1	30.00	1.40	1.00	42.00	
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295.50	300.10	1	4.60	1.40	1.00	6.44	
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300.10	305.00	1	4.90	-	-	-	CULVERT
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305.00	327.00	1	22.00	1.40	1.00	30.80	
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327.00	334.00	1	7.00	-	-	-	NO WORK
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334.00	361.00	1	27.00	1.40	1.00	37.80	
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ಅನ್ವಯದಲ್ಲಿ
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Relay

From 9th B Cross Road							
7th B Main Road (RHS)							
	0.00	30.00	1	30.00	1.40	1.00	42.00
	30.00	60.00	1	30.00	1.40	1.00	42.00
	60.00	90.00	1	30.00	1.40	1.00	42.00
	90.00	102.00	1	12.00	1.40	1.00	16.80
	102.00	108.00	1	6.00	-	-	-
	108.00	138.00	1	30.00	1.40	1.00	42.00
	138.00	168.00	1	30.00	1.40	1.00	42.00
	198.00	212.00	1	14.00	1.40	1.00	19.60
	212.00	219.50	1	7.50	-	-	-
	219.50	249.50	1	30.00	1.40	1.00	42.00
	249.50	250.50	1	1.00	1.40	1.00	1.40
	250.50	257.50	1	7.00	-	-	-
	257.50	277.10	1	19.60	1.40	1.00	27.44
	277.10	280.60	1	3.50	-	-	-
	280.60	299.60	1	19.00	1.40	1.00	26.60
From 8th B Cross Road							
7th B Main road - B - Sector (RHS)							
	0.00	30.00	1	30.00	1.40	1.00	42.00
	30.00	42.00	1	12.00	1.40	1.00	16.80
	42.00	50.00	1	8.00	-	-	-
	50.00	80.00	1	30.00	1.40	1.00	42.00
	80.00	110.00	1	30.00	1.40	1.00	42.00
	110.00	140.00	1	30.00	1.40	1.00	42.00
	140.00	170.00	1	30.00	1.40	1.00	42.00
	170.00	196.20	1	26.20	1.40	1.00	36.68
	196.20	205.20	1	9.00	-	-	-
	205.20	235.20	1	30.00	1.40	1.00	42.00
	235.20	243.20	1	8.00	1.40	1.00	11.20
7th B Main road - B - Sector (LHS)							
	0.00	182.10	1	182.10	-	-	-
	182.10	195.80	1	13.70	1.10	1.00	15.07
	195.80	203.40	1	7.60	-	-	-
	203.40	233.40	1	30.00	1.10	1.00	33.00
	233.40	242.40	1	9.00	1.10	1.00	9.90
From Sandeep Unnikrishan Main Road							
4th B Cross road - B - Sector (LHS)							
	0.00	30.00	1	30.00	1.10	1.00	33.00
	30.00	60.00	1	30.00	1.10	1.00	33.00
	60.00	90.00	1	30.00	1.10	1.00	33.00
	90.00	120.00	1	30.00	1.10	1.00	33.00
	120.00	137.20	1	17.20	1.10	1.00	18.92
4th B Cross road - B - Sector (RHS)							
	0.00	30.00	1	30.00	1.10	1.00	33.00
	30.00	43.70	1	13.70	1.10	1.00	15.07
	43.70	64.80	1	21.10	-	-	-
	64.80	91.40	1	26.60	1.10	1.00	29.26

Handwritten notes in Kannada script, including 'C/A' and 'Sandeep Unnikrishan Main Road'.

6

Ward No -03						
3rd A Main road						
0.00	3.70	1	3.70	1.40	1.00	5.18
Total Qty Work Done						3423.99
Approved Schedule B Quantity						12902.39
Qty Payable in this bill						3423.99

[Signature]
Contractor

[Signature]
Assistant Engineer
Yelahanka Division


Project Management Consultants

[Signature]
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ಯಲಹಂಕೆ ಭವನದ ಮುಖಾಂತರ.
Assl. Executive Engineer
Yelahanka Division
ಸಿ.ಸಿ.ಎಂ.ಡಿ. 2014/2015-106

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	3	(PACKAGE No-03)					
Item Name:	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)						
SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 8-9-2022 12-11-2022							
RCC DRAIN							
Ward No -04							
From 9th B Cross Road							
6th B Main road - B - Sector (RHS)							
	0.00 12.70	1	12.70	1.40	1.00	17.78	
From 9th B Cross Road							
6th B Main road - B - Sector (LHS)							
	0.00 30.00	1	30.00	1.40	0.15	6.30	
	30.00 49.00	1	19.00	1.40	0.15	3.99	
	49.00 56.80	1	7.80	-	-	-	CULVERT
	56.80 86.80	1	30.00	1.40	0.15	6.30	
	86.80 102.80	1	16.00	1.40	0.15	3.36	
	102.80 117.20	1	14.40	-	-	-	NO WORK
	117.20 147.20	1	30.00	1.40	0.15	6.30	
	147.20 177.20	1	30.00	1.40	0.15	6.30	
	177.20 207.20	1	30.00	1.40	0.15	6.30	
	207.20 227.00	1	19.80	1.40	0.15	4.16	
	227.00 240.60	1	13.60	-	-	-	NO WORK
	240.60 258.00	1	17.40	1.40	0.15	3.65	
	258.00 265.50	1	7.50	-	-	-	CULVERT
	265.50 295.50	1	30.00	1.40	0.15	6.30	
	295.50 300.10	1	4.60	1.40	0.15	0.97	
	300.10 305.00	1	4.90	-	-	-	CULVERT
	305.00 327.00	1	22.00	1.40	0.15	4.62	
	327.00 334.00	1	7.00	-	-	-	NO WORK
	334.00 361.00	1	27.00	1.40	0.15	5.67	

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Long Wall	1	3.80	0.75	0.15	0.43
Short Wall	2	3.30	0.75	0.15	0.74
Toilet-1					
Long Wall	1	3.80	0.75	0.15	0.43
Short Wall	2	2.90	0.75	0.15	0.65
Toilet-2					
Long Wall	2	4.40	0.75	0.15	0.99
Short Wall	1	3.80	0.75	0.15	0.43
Corridor	2	5.50	0.75	0.15	1.24
Near Compound	2	0.90	0.75	0.15	0.20
SUMP					
Sump		1000	3.00	0.15	1.35
Total Qty Work Done					773.32
Approved Schedule B Quantity					1911.91
Qty Limited to					773.32 Cum

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst. Executive Engineer
Yelahanka Division

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:

4

10-9-2022 15-11-2022

Item Name:

KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 550(P-229/28.8.3) PWD SR 2018-19

Sl no	Dia of Bar in mm	Side	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
Date of Measurement-								
RCC Drain								
Ward No -04								
6th B Main road - B - Sector (RHS)								
1	8	1	17 ✓	12.70 ✓	220.13 ✓	0.40 ✓	86.97 ✓	
2	10	1	127 ✓	2.45 ✓	311.15 ✓	0.62 ✓	192.07 ✓	
6th B Main road - B - Sector (LHS)								
1	8	1	17 ✓	305.80 ✓	5300.53 ✓	0.40 ✓	2094.04 ✓	
2	10	1	3058 ✓	2.45 ✓	7492.10 ✓	0.62 ✓	4624.75 ✓	
7th B Main Road (RHS)								
1	8	1	17 ✓	245.60 ✓	4257.07 ✓	0.40 ✓	1681.80 ✓	
2	10	1	2456 ✓	2.45 ✓	6017.20 ✓	0.62 ✓	3714.32 ✓	
7th B Main road - B - Sector (RHS)								
1	8	1	17 ✓	226.20 ✓	3920.80 ✓	0.40 ✓	1548.96 ✓	
2	10	1	2262 ✓	2.45 ✓	5541.90 ✓	0.62 ✓	3420.93 ✓	
7th B Main road - B - Sector (LHS)								
1	8	1	15 ✓	57.10 ✓	875.53 ✓	0.40 ✓	345.89 ✓	
2	10	1	571 ✓	2.15 ✓	1227.65 ✓	0.62 ✓	757.81 ✓	
4th B Cross road - B - Sector (LHS)								
1	8	1	15 ✓	137.20 ✓	2103.73 ✓	0.40 ✓	831.10 ✓	
2	10	1	1372 ✓	2.15 ✓	2949.80 ✓	0.62 ✓	1820.86 ✓	
4th B Cross road - B - Sector (RHS)								
1	8	1	15 ✓	111.80 ✓	1714.27 ✓	0.40 ✓	677.24 ✓	
2	10	1	1118 ✓	2.15 ✓	2403.70 ✓	0.62 ✓	1483.77 ✓	
4th B Cross road Continued (RHS)								
1	8	1	15 ✓	17.40 ✓	266.80 ✓	0.40 ✓	105.40 ✓	
2	10	1	174 ✓	2.15 ✓	374.10 ✓	0.62 ✓	230.93 ✓	

GAL

Sl no	Dia of Bar in mm	Side	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
Ward No -03								
3rd A Main road								
Raft Top								
1	10	1	7	3.70	26.49	0.62	16.35	
2	12	1	15	1.54	22.79	0.89	20.26	
Raft Bottom								
1	10	1	7	3.80	27.21	0.62	16.80	
2	12	1	15	1.54	23.41	0.89	20.81	
Walls								
1	10	2	4	3.70	29.60	0.62	18.27	
2	12	2	15	0.75	22.20	0.89	19.73	
Total Quantity of Steel in Kg's for RCC Drain only							59358.07	
Total Quantity of Steel in Kg's for RCC Culvert only							2592.51	
Total Quantity of Steel in Kg's for RCC Drains and RCC Culvert							61950.58	
Total Quantity of Steel in Kg's							61950.6	kgs
Total Quantity of Steel in Tonne's							61.95	Tn
Approved Schedule B Quantity							138.66	Tn
Qty Payable in this bill							61.95	Tn

Contractor

Project Management Consultants

Assistant Engineer
Yelahanka Division

Asst. Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work: Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:

5

17-09-2022 - 18-11-2022

Item Name:

Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1, P.No.17, I.No.2.4.2 of PWD SR 2021-22)

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:-							
For Raft Concrete							
Ward No -04							
From 9th B Cross Road							
6th B Main road - B - Sector (RHS)							
	0.00	12.70	1	12.70	1.20	1.00	15.24
From 9th B Cross Road							
6th B Main road - B - Sector (LHS)							
	0.00	30.00	1	30.00	1.20	0.15	5.40
	30.00	49.00	1	19.00	1.20	0.15	3.42
	49.00	56.80	1	7.80	-	-	-
	56.80	86.80	1	30.00	1.20	0.15	5.40
	86.80	102.80	1	16.00	1.20	0.15	2.88
	102.80	117.20	1	14.40	-	-	-
	117.20	147.20	1	30.00	1.20	0.15	5.40
	147.20	177.20	1	30.00	1.20	0.15	5.40
	177.20	207.20	1	30.00	1.20	0.15	5.40
	207.20	227.00	1	19.80	1.20	0.15	3.56
	227.00	240.60	1	13.60	-	-	-
	240.60	258.00	1	17.40	1.20	0.15	3.13
	258.00	265.50	1	7.50	-	-	-
							CULVERT
							NO WORK
							NO WORK
							CULVERT

96L

Ward No -03						
3rd A Main road						
0.00	3.70	1	3.70	1.20	0.15	0.67
RCC CULVERT						
For Wall Concrete						
Ward No -04						
6th B Main road - B - Sector (LHS)						
49.00	56.80	2	7.80	0.20	0.65	2.03
258.00	265.50	2	7.50	0.20	0.65	1.95
300.10	305.00	2	4.90	0.20	0.65	1.27
7th B Main Road (RHS)						
102.00	108.00	2	6.00	0.20	0.65	1.56
212.00	219.50	2	7.50	0.20	0.65	1.95
277.10	280.60	2	3.50	0.20	0.65	0.91
8th B Main road - B - Sector (RHS)						
42.00	50.00	2	8.00	0.20	0.65	2.08
166.20	205.20	2	9.00	0.20	0.65	2.34
4th B Cross road - B - Sector (RHS)						
91.40	96.30	2	4.90	0.20	0.65	1.27
4th B Cross road Continued (RHS)						
0.00	9.30	2	9.30	0.20	0.65	2.42
2nd B Main road (RHS)						
17.00	24.60	2	7.60	0.20	0.65	1.98
Ward No -03						
3rd A Main road						
0.00	3.80	2	3.80	0.20	0.65	0.99
Total Qty Work Done						960.67
Approved Schedule B Quantity						2227.93
Qty Payable in this bill						960.67

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst. Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental work
Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sal layout, B sector
and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan
Grants. (PACKAGE No-03)

Grants. (PACKAGE No-03)							
Item No:	6						
Item Name:	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work						
SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 21-11-2022 10-12-2022							
RCC DRAIN							
Ward No -04							
From 9th B Cross Road							
6th B Main road - B - Sector (RHS)							
	0.00 / 12.70	1	12.70	-	-	-	BS Slab
6th B Main road - B - Sector (LHS)							
	0.00 / 30.00	1	30.00	1.20	-	36.00	
	30.00 / 49.00	1	19.00	1.20	-	22.80	
	49.00 / 56.80	1	7.80	-	-	-	CULVERT
	56.80 / 86.80	1	30.00	1.20	-	36.00	
	86.80 / 102.80	1	16.00	1.20	-	19.20	
	102.80 / 117.20	1	14.40	-	-	-	NO WORK
	117.20 / 121.80	1	4.60	1.20	-	5.52	
	121.80 / 125.60	1	3.80	-	-	-	BS Slab
	125.60 / 144.30	1	18.70	1.20	-	22.44	
	144.30 / 149.00	1	4.70	-	-	-	BS Slab
	149.00 / 171.80	1	22.80	1.20	-	27.36	
	171.80 / 175.00	1	3.20	-	-	-	BS Slab
	175.00 / 185.00	1	10.00	1.20	-	12.00	
	185.00 / 202.00	1	17.00	-	-	-	BS Slab
	202.00 / 213.80	1	11.80	1.20	-	14.16	
	213.80 / 227.00	1	13.20	-	-	-	BS Slab
	227.00 / 240.60	1	13.60	-	-	-	NO WORK
	240.60 / 254.90	1	14.30	-	-	-	BS Slab
	254.90 / 258.00	1	3.10	1.20	-	3.72	
	258.00 / 265.50	1	7.50	-	-	-	CULVERT
	265.50 / 295.50	1	30.00	1.20	-	36.00	

AAL

SLNO	CHAINAGE		NO	L	B	D	QTY	Remarks
	Land Mark			(m)	(m)	(m)		
	Cross Road 1 (LHS)							
	0.00	8.80	1	8.80	0.60	-	5.28	
	2nd Main Road (LHS) (From Dhanush Nialaya)							
	0.00	30.00	1	30.00	0.60	-	18.00	
	30.00	38.30	1	8.30	0.60	-	4.98	
	Total Qty Work Done						2360.34	
	Approved Schedule B Quantity						7431.83	
	Qty Payable in this bill						2360.34	

ನಿರ್ದೇಶನಾಧೀನ ಕಾರ್ಯದ ಮೇರೆಗೆ
ಯಂತ್ರಾಂಶ ಬಳಸಿದಂತೆ ದೃಢೀಕರಿಸಿ
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Contractor

Project Management Consultants



Assistant Engineer
Yelahanka Division

Asst. Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE							
First & Part Bill							
Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)							
Item No:	7						
Item Name:	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)						
SLNO	CHAINAGE	NO	L	B	D	QTY	Remarks
	Land Mark		(m)	(m)	(m)		
Date of Measurement:- 22-11-2022 12-12-2022							
RCC CULVERT							
Ward No -04							
6th B Main road - B - Sector (LHS)							
	49.00'	56.80'	1	7.80'	1.50'	-	11.70
	258.00'	265.50'	1	7.50'	1.50'	-	11.25
	300.10'	305.00'	1	4.90'	1.50'	-	7.35
7th B Main Road (RHS)							
	102.00'	108.00'	1	6.00'	1.50'	-	9.00
	212.00'	219.50'	1	7.50'	1.50'	-	11.25
	277.10'	280.60'	1	3.50'	1.50'	-	5.25
7th B Main road - B - Sector (RHS)							
	42.00'	50.00'	1	8.00'	1.20'	-	9.60
	196.20'	205.20'	1	9.00'	1.20'	-	10.80
4th B Cross road - B - Sector (RHS)							
	91.30'	96.30'	1	4.90'	1.20'	-	5.88
4th B Cross road Continued (RHS)							
	0.00'	9.30'	1	9.30'	1.20'	-	11.16
2nd B Main road (RHS)							
	17.00'	24.60'	1	7.60'	1.20'	-	9.12
Ward No -03							
3rd A Main road							
	0.00	3.80	1	3.80'	1.20'	-	4.56
Total Qty Work Done						106.92	
Approved Schedule B Quantity						414.30	
Qty Payable in this bill						106.92	

Contractor
Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst. Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:- Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:

8

Item Name:

Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates (V-I, No-2.1.4, P.No-15 of PWD SR 2021-22).

SLNO

CHAINAGE

Land Mark

NO

L

(m)

B

(m)

D

(m)

QTY

Remarks

Date of Measurement:-

22-11-2022 14-12-2022

RCC DRAIN

Ward No -04

From 9th B Cross Road

6th B Main road - B - Sector (RHS)

0.00	12.70	1	12.70	0.20	0.10	0.25	
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6th B Main road - B - Sector (LHS)

0.00	30.00	1	30.00	0.20	0.10	0.60	
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30.00	49.00	1	19.00	0.20	0.10	0.38	
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49.00	56.80	1	7.80	-	-	-	CULVERT
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56.80	86.80	1	30.00	0.20	0.10	0.60	
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86.80	102.80	1	16.00	0.20	0.10	0.32	
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102.80	117.20	1	14.40	-	-	-	NO WORK
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117.20	147.20	1	30.00	0.20	0.10	0.60	
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147.20	177.20	1	30.00	0.20	0.10	0.60	
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177.20	207.20	1	30.00	0.20	0.10	0.60	
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207.20	227.00	1	19.80	0.20	0.10	0.40	
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227.00	240.60	1	13.60	-	-	-	NO WORK
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240.60	258.00	1	17.40	0.20	0.10	0.35	
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258.00	265.50	1	7.50	-	-	-	CULVERT
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265.50	295.50	1	30.00	0.20	0.10	0.60	
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295.50	300.10	1	4.60	0.20	0.10	0.09	
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300.10	305.00	1	4.90	-	-	-	CULVERT
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305.00	327.00	1	22.00	0.20	0.10	0.44	
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327.00	334.00	1	7.00	-	-	-	NO WORK
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334.00	361.00	1	27.00	0.20	0.10	0.54	
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From 9th B Cross Road

7th B Main Road (RHS)

0.00	30.00	1	30.00	0.20	0.10	0.60	
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30.00	60.00	1	30.00	0.20	0.10	0.60	
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96L

66.00	84.50	1	18.50	0.20	0.10	0.37	
Cross road 1 (RHS)							
0.00	23.80	1	23.80	-	-	-	NO WORK
23.80	53.80	1	30.00	0.20	0.10	0.60	
53.80	83.80	1	30.00	0.20	0.10	0.60	
83.80	91.00	1	7.20	0.20	0.10	0.14	
Sri Sai Layout							
From Veersagar Main Road							
Sai Layout Main Road (LHS)							
0.00	30.00	1	30.00	0.20	0.10	0.60	
30.00	60.00	1	30.00	0.20	0.10	0.60	
60.00	90.00	1	30.00	0.20	0.10	0.60	
90.00	100.70	1	10.70	0.20	0.10	0.21	
Sai Layout Main Road (RHS)							
0.00	30.00	1	30.00	0.20	0.10	0.60	
30.00	60.00	1	30.00	0.20	0.10	0.60	
60.00	90.00	1	30.00	0.20	0.10	0.60	
90.00	100.70	1	10.70	0.20	0.10	0.21	
Sai Layout Cross Road(RHS)							
0.00	13.50	1	13.50	0.20	0.10	0.27	
Sai Layout 1st A Main Road (LHS)							
0.00	30.00	1	30.00	0.20	0.10	0.60	
30.00	60.00	1	30.00	0.20	0.10	0.60	
60.00	90.00	1	30.00	0.20	0.10	0.60	
90.00	120.00	1	30.00	0.20	0.10	0.60	
120.00	142.00	1	22.00	0.20	0.10	0.44	
Sai Layout 1st A Main Road (RHS)							
0.00	30.00	1	30.00	0.20	0.10	0.60	
30.00	60.00	1	30.00	0.20	0.10	0.60	
60.00	90.00	1	30.00	0.20	0.10	0.60	
90.00	120.00	1	30.00	0.20	0.10	0.60	
120.00	150.00	1	30.00	0.20	0.10	0.60	
150.00	153.00	1	3.00	0.20	0.10	0.06	
Total Qty Work Done							49.29
Approved Schedule B Quantity							230.72
Qty Payable in this bill							49.29

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan

Grants. (PACKAGE No-03)

Item No:

9

Item Name:

Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete as directed by the Engineer in Charge of the work (Approved Rate)

SLNO

CHAINAGE

Land Mark

NO

L

(m)

B

(m)

D

(m)

QTY

Remarks

Date of Measurement:-

24-11-2022 to 28-11-2022

RCC DRAIN

Ward No -04

From 9th B Cross Road

6th B Main road - B - Sector (RHS)

0.00

12.70

1

12.70

12.70

6th B Main road - B - Sector (LHS)

0.00

30.00

1

30.00

30.00

30.00

49.00

1

19.00

19.00

49.00

56.80

1

7.80

-

-

-

CULVERT

56.80

86.80

1

30.00

30.00

86.80

102.80

1

16.00

16.00

102.80

117.20

1

14.40

-

-

-

NO WORK

117.20

147.20

1

30.00

30.00

147.20

177.20

1

30.00

30.00

177.20

207.20

1

30.00

30.00

207.20

227.00

1

19.80

19.80

227.00

240.60

1

13.60

-

-

-

NO WORK

240.60

258.00

1

17.40

17.40

258.00

265.50

1

7.50

-

-

-

CULVERT

265.50

295.50

1

30.00

30.00

295.50

300.10

1

4.60

4.60

300.10

305.00

1

4.90

-

-

-

CULVERT

305.00

327.00

1

22.00

-

-

-

NO WORK

327.00

334.00

1

7.00

-

-

-

334.00

361.00

1

27.00

27.00

From 9th B Cross Road

7th B Main Road (RHS)

0.00

30.00

1

30.00

30.00

Executive Engineer

Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

Qeal

30.00	60.00	1	30.00		30.00	
60.00	90.00	1	30.00		30.00	
90.00	102.00	1	12.00		12.00	
102.00	108.00	1	6.00	-	-	CULVERT
108.00	138.00	1	30.00		30.00	
138.00	168.00	1	30.00		30.00	
198.00	212.00	1	14.00		14.00	
212.00	219.50	1	7.50	-	-	CULVERT
219.50	249.50	1	30.00		30.00	
249.50	250.50	1	1.00		1.00	
250.50	257.50	1	7.00	-	-	NO WORK
257.50	277.10	1	19.60		19.60	
277.10	280.60	1	3.50	-	-	CULVERT
280.60	299.60	1	19.00		19.00	
From 8th B Cross Road						
7th B Main road - B - Sector (RHS)						
0.00	30.00	1	30.00		30.00	
30.00	42.00	1	12.00		12.00	
42.00	50.00	1	8.00	-	-	CULVERT
50.00	80.00	1	30.00		30.00	
80.00	110.00	1	30.00		30.00	
110.00	140.00	1	30.00		30.00	
140.00	170.00	1	30.00		30.00	
170.00	196.20	1	26.20		26.20	
196.20	205.20	1	9.00	-	-	CULVERT
205.20	235.20	1	30.00		30.00	
235.20	243.20	1	8.00		8.00	
7th B Main road - B - Sector (LHS)						
0.00	182.10	1	182.10	-	-	NO WORK
182.10	195.80	1	13.70		13.70	
195.80	203.40	1	7.60		7.60	
203.40	210.20	1	6.80		6.80	
210.20	222.70	1	12.50		12.50	
222.70	242.40	1	19.70		19.70	
From Sandeep Unnikrishnan Main Road						
4th B Cross road - B - Sector (LHS)						
0.00	30.00	1	30.00		30.00	
30.00	60.00	1	30.00		30.00	
60.00	90.00	1	30.00		30.00	
90.00	120.00	1	30.00		30.00	
120.00	137.20	1	17.20		17.20	
4th B Cross road - B - Sector (RHS)						
0.00	30.00	1	30.00		30.00	
30.00	43.70	1	13.70		13.70	
43.70	64.80	1	21.10	-	-	NO WORK
64.80	91.40	1	26.60		26.60	
91.40	96.30	1	4.90	-	-	CULVERT
96.30	126.30	1	30.00		30.00	

126.30	137.80	1	11.50		11.50	
4th B Cross road Continued (RHS)						
0.00	17.40	1	17.40		17.40	
From 4th B Cross road - B - Sector						
8th B Main road (LHS)						
0.00	30.00	1	30.00		30.00	
30.00	58.00	1	28.00		28.00	
Ward No -03						
From Sandeep Unnikrishan Main Road						
Thirumala nagara main road (LHS)						
0.00	30.00	1	30.00		30.00	
30.00	36.20	1	6.20		6.20	
36.20	55.70	1	19.50		-	NO WORK
55.70	85.70	1	30.00		30.00	
85.70	115.70	1	30.00		30.00	
115.70	145.70	1	30.00		30.00	
145.70	162.00	1	16.30		16.30	
162.00	167.00	1	5.00		5.00	
167.00	184.20	1	17.20		17.20	
184.20	187.40	1	3.20		3.20	
187.40	217.40	1	30.00		30.00	
217.40	247.40	1	30.00		30.00	
247.40	277.40	1	30.00		30.00	
277.40	284.80	1	7.40		7.40	
From Sandeep Unnikrishan Main Road						
8th A Main road (RHS) Akshaya Nagara Road						
0.00	30.00	1	30.00		30.00	
30.00	60.00	1	30.00		30.00	
60.00	90.00	1	30.00		30.00	
90.00	120.00	1	30.00		30.00	
120.00	150.00	1	30.00		30.00	
150.00	161.90	1	11.90		11.90	
161.90	174.10	1	12.20		-	NO WORK
174.10	204.10	1	30.00		30.00	
204.10	234.10	1	30.00		30.00	
234.10	264.10	1	30.00		30.00	
264.10	294.10	1	30.00		30.00	
294.10	318.00	1	23.90		-	NO WORK
8th A Main road (LHS)						
0.00	204.30	1	204.30		-	NO WORK
204.30	234.30	1	30.00		30.00	
234.30	264.30	1	30.00		30.00	
264.30	271.30	1	7.00		-	NO WORK
271.30	289.10	1	17.80		17.80	
From Veersagar Main Road						
5th Cross road (LHS) Muneshwara layout						
0.00	30.00	1	30.00		30.00	
30.00	44.50	1	14.50		14.50	

Executive Engineer

Bruhat Bengaluru Mahanagara Palike
Yelahanka, Division

QBL

S. S. S.

Cross road 1 (LHS)							
0.00	20.40	1	20.40			20.40	
20.40	66.00	1	45.60	-	-	-	NO WORK
66.00	84.50	1	18.50			18.50	
Cross road 1 (RHS)							
0.00	23.80	1	23.80	-	-	-	NO WORK
23.80	53.80	1	30.00			30.00	
53.80	83.80	1	30.00			30.00	
83.80	91.00	1	7.20			7.20	
Sri Sai Layout							
From Veersagar Main Road							
Sai Layout Main Road (LHS)							
0.00	30.00	1	30.00			30.00	
30.00	60.00	1	30.00			30.00	
60.00	90.00	1	30.00			30.00	
90.00	100.70	1	10.70			10.70	
Sai Layout Main Road (RHS)							
0.00	30.00	1	30.00			30.00	
30.00	60.00	1	30.00			30.00	
60.00	90.00	1	30.00			30.00	
90.00	100.70	1	10.70			10.70	
Sai Layout Cross Road(RHS)							
0.00	13.50	1	13.50			13.50	
Sai Layout 1st A Main Road (LHS)							
0.00	30.00	1	30.00			30.00	
30.00	60.00	1	30.00			30.00	
60.00	90.00	1	30.00			30.00	
90.00	120.00	1	30.00			30.00	
120.00	142.00	1	22.00			22.00	
Sai Layout 1st A Main Road (RHS)							
0.00	30.00	1	30.00			30.00	
30.00	60.00	1	30.00			30.00	
60.00	90.00	1	30.00			30.00	
90.00	120.00	1	30.00			30.00	
120.00	150.00	1	30.00			30.00	
150.00	153.00	1	3.00			3.00	
						2464.30	
Total Qty Work Done						5476.22	
Approved Schedule B Quantity						17472.00	
Qty Payable in this bill						5476.22	

Contractor
Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE
First & Part Bill

Name of work: Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No: **11**

Item Name: Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)

SLNO	CHAINAGE	NO	L (m)	B (m)	D (m)	QTY	Remarks
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Date of Measurement:- 18-9-2022 11-10-2022

Cobble Stone

S-LIG - 10,11

	1	5.00	17.60	0.25	22.00	
	1	8.60	12.70	0.25	27.31	
	1	9.90	1.80	0.25	4.46	
	1	3.30	1.80	0.25	1.49	
	1	9.90	1.70	0.25	4.21	
	1	3.10	3.40	0.25	2.64	
	Deduction of Sump	-1	5.30	3.20	0.25	-4.24
	Deduction of Tree	-1	0.90	0.90	0.25	-0.20
	Deduction of Building Projection	-1	1.20	4.40	0.25	-1.32
	Deduction of Trasformer	-1	0.90	0.45	0.25	-0.10

S-LIG - 08,09

	1	6.60	6.30	0.25	10.40	
	1	3.20	1.30	0.25	1.04	
	1	7.10	10.60	0.25	18.82	
	1	6.00	6.40	0.25	9.60	
	1	1.30	3.30	0.25	1.07	
	Deduction of Sump	-1	7.70	2.50	0.25	-4.81
	Deduction of Transformer	-1	1.00	0.30	0.25	-0.08
	Deduction of Building Projection	-1	3.10	1.00	0.25	-0.78
	Deduction of Steps	-1	0.90	0.40	0.25	-0.09
	Deduction of Building Projection	-1	3.10	1.00	0.25	-0.78

S-LIG - 07

	1	5.50	4.80	0.25	6.60	
	1	1.30	3.30	0.25	1.07	
	Deduction of Sump	-1	3.10	1.70	0.25	-1.32

S-LIG - 06

	1	29.70	10.10	0.25	74.99	
	1	5.80	3.50	0.25	5.08	
	Deduction of Sump	-4	3.00	5.20	0.25	-15.60

S-LIG - 05

	1	4.20	4.90	0.25	5.15	
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S-LIG - 03

	1	29.00	4.80	0.25	34.80	
	1	3.30	1.80	0.25	1.49	
	1	4.00	4.80	0.25	4.80	
	1	3.30	1.80	0.25	1.49	
	Deduction of Sump	-1	7.70	2.50	0.25	-4.81

Handwritten notes and signatures in Kannada script, including 'ಕೆ.ಆರ್. ಪಾಲಿಕೆ' and 'ಮುಖ್ಯ ಮಂತ್ರಿ'.

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S-LIG - 01					
	1	12.50 /	9.50 /	0.25 /	29.69 /
	1	2.70 /	1.30 /	0.25 /	0.88 /
Deduction of Transformer	1	19.40 /	6.10 /	0.25 /	29.59 /
Deduction of Steps	-1	1.30 /	0.60 /	0.25 /	-0.20 /
Deduction of Building Projection	-1	0.90 /	0.90 /	0.25 /	-0.20 /
Deduction of Sump	-1	3.90 /	1.30 /	0.25 /	-1.27 /
Deduction of Transformer	-1	7.70 /	2.50 /	0.25 /	-4.81 /
Deduction of Building Projection	-1	2.10 /	1.20 /	0.25 /	-0.63 /
Deduction of Mortor	-1	3.10 /	1.00 /	0.25 /	-0.78 /
	-1	1.90 /	0.70 /	0.25 /	-0.33 /
Near Nandini Parlour (Indian Sweets Bakery)					
	1	18.00 /	7.00 /	0.25 /	31.50 /
	1	9.80 /	3.60 /	0.25 /	8.82 /
	1	3.50 /	1.00 /	0.25 /	0.88 /
Deduction of Transformer	-1	1.00 /	1.00 /	0.25 /	-0.25 /
Deduction of Building Projection	-1	11.60 /	2.50 /	0.25 /	-7.25 /
Deduction of Mortor	-1	0.60 /	0.45 /	0.25 /	-0.07 /
Deduction of Mortor	-1	1.00 /	0.60 /	0.25 /	-0.15 /
Bheema Blocks HIG - B - 2					
	1	20.10 /	2.80 /	0.25 /	14.07 /
	1	21.30 /	8.70 /	0.25 /	46.33 /
Deduction of Building Projection	-1	2.70 /	0.90 /	0.25 /	-0.61 /
Deduction of Mortor	-1	0.60 /	0.60 /	0.25 /	-0.09 /
Deduction of Mortor	-1	1.00 /	0.75 /	0.25 /	-0.19 /
Deduction of Chamber	-1	0.60 /	0.60 /	0.25 /	-0.09 /
Total Qty Work Done					349.18
Approved Schedule B Quantity					8088.12
Qty Payable in this bill					349.18

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

**Asst.Executive Engineer
Yelahanka Division**

BRUHAT BANGALORE MAHANAGARA PALIKE							
First & Part Bill							
Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)							
Item No:	12						

Item Name: Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401.(V-III, I No-4.1V, P No-19, KPWD SR 2021-22)

SLNO	CHAINAGE	NO	L	B	D	QTY	Remarks
	Land Mark		(m)	(m)	(m)		

Date of Measurement:- 14-10-22 11-11-2022							
Cobble Stone							
S-LIG - 10,11							
		1	5.00	17.60	0.10	8.80	
		1	8.60	12.70	0.10	10.92	
		1	9.90	1.80	0.10	1.78	
		1	3.30	1.80	0.10	0.59	
		1	9.90	1.70	0.10	1.68	
		1	3.10	3.40	0.10	1.05	
	Deduction of Sump	-1	5.30	3.20	0.10	-1.70	
	Deduction of Tree	-1	0.90	0.90	0.10	-0.08	
	Deduction of Building Projection	-1	1.20	4.40	0.10	-0.53	
	Deduction of Tranformer	-1	0.90	0.45	0.10	-0.04	
S-LIG - 08,09							
		1	6.60	6.30	0.10	4.16	
		1	3.20	1.30	0.10	0.42	
		1	7.10	10.60	0.10	7.53	
		1	6.00	6.40	0.10	3.84	
		1	1.30	3.30	0.10	0.43	
	Deduction of Sump	-1	7.70	2.50	0.10	-1.93	
	Deduction of Transformer	-1	1.00	0.30	0.10	-0.03	
	Deduction of Building Projection	-1	3.10	1.00	0.10	-0.31	
	Deduction of Steps	-1	0.90	0.40	0.10	-0.04	
	Deduction of Building Projection	-1	3.10	1.00	0.10	-0.31	
S-LIG - 07							
			5.50	4.80	0.10	2.64	
			1.30	3.30	0.10	0.43	
	Deduction of Sump	-1	3.10	1.70	0.10	-0.53	
S-LIG - 06							
		1	29.70	10.10	0.10	30.00	
		1	5.80	3.50	0.10	2.03	
	Deduction of Sump	-4	3.00	5.20	0.10	-6.24	
S-LIG - 05							
		1	4.20	4.90	0.10	2.06	
S-LIG - 03							
		1	29.00	4.80	0.10	13.92	
		1	3.30	1.80	0.10	0.59	
		1	4.00	4.80	0.10	1.92	
		1	3.30	1.80	0.10	0.59	
	Deduction of Sump	-1	7.70	2.50	0.10	-1.93	
S-LIG - 01							
		1	12.50	9.50	0.10	11.88	

	1	2.70	1.30	0.10	0.35
Deduction of Transformer	1	19.40	6.10	0.10	11.83
Deduction of Steps	-1	1.30	0.60	0.10	-0.08
Deduction of Building Projection	-1	0.90	0.90	0.10	-0.08
Deduction of Sump	-1	3.90	1.30	0.10	-0.51
Deduction of Transformer	-1	7.70	2.50	0.10	-1.93
Deduction of Building Projection	-1	2.10	1.20	0.10	-0.25
Deduction of Mortor	-1	3.10	1.00	0.10	-0.31
Deduction of Mortor	-1	1.90	0.70	0.10	-0.13
Near Nandini Parlour (Indian Sweets Bakery)					
	1	18.00	7.00	0.10	12.60
	1	9.80	3.60	0.10	3.53
	1	3.50	1.00	0.10	0.35
Deduction of Transformer	-1	1.00	1.00	0.10	-0.10
Deduction of Building Projection	-1	11.60	2.50	0.10	-2.90
Deduction of Mortor	-1	0.60	0.45	0.10	-0.03
Deduction of Mortor	-1	1.00	0.60	0.10	-0.06
Bheema Blocks HIG - B - 2					
	1	20.10	2.80	0.10	5.63
	1	21.30	8.70	0.10	18.53
Deduction of Building Projection	-1	2.70	0.90	0.10	-0.24
Deduction of Mortor	-1	0.60	0.60	0.10	-0.04
Deduction of Mortor	-1	1.00	0.75	0.10	-0.08
Deduction of Chamber	-1	0.60	0.60	0.10	-0.04
Total Qty Work Done					139.67
Approved Schedule B Quantity					139.67
Qty Payable in this bill					139.67

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

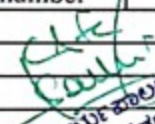
Asst. Executive Engineer
Yelahanka Division

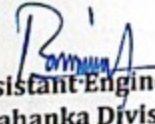
BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagrothan Grants. (PACKAGE No-03)

Item No:	22						
Item Name:	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications. (V-I.No 9.31,Page No-64 PWD SR 2021-22)						
SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 18-10-2022 18-11-2022							
Cobble Stone							
Bheema Blocks HIG - B - 2							
		1	20.10 ✓	2.80 ✓		56.28 ✓	
		1	21.30 ✓	8.70 ✓		185.31 ✓	
	Deduction of Building	-1	2.70 ✓	0.90 ✓		-2.43 ✓	
	Deduction of Mortor	-1	0.60 ✓	0.60 ✓		-0.36 ✓	
	Deduction of Mortor	-1	1.00 ✓	0.75 ✓		-0.75 ✓	
	Deduction of Chamber	-1	0.60 ✓	0.60 ✓		-0.36 ✓	
Total Qty Work Done						237.69	
Approved Schedule B Quantity						5044.85	
Qty Payable in this bill						237.69	


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 ಯಲಹಂಕರ ಸುಪನ್ಗರ ಸುಪನ್ಗರ
 ಕೆ.ಎಂ.ಡಿ. ಬೆಂಗಳೂರು-106
 Contractor


 Assistant Engineer
 Yelahanka Division


 Project Management Consultants
 Asst.Executive Engineer
 Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

First & Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Or Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)							
Item No:	24						
Item Name:	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work Depth exceeding 1.5 m, but not exceeding 3 (V-1 Page No.8, Item No.1.15.2 of PWD SR 2021-22)						
SLNO	CHAINAGE	NO	L	B	D	QTY	Remarks
	Land Mark		(m)	(m)	(m)		
Date of Measurement:-		7-9-2022 15-9-2022					
		Vaidhika Sabha Building					
	Footings	19.00 ✓	1.80 ✓	1.80 ✓	2.10 ✓	129.28 ✓	
	SSM Foundation						
Ritual Room-1, Ritual Room-2, Ritual Room-3 and Store Room							
	Long Wall	2 ✓	24.57 ✓	0.75 ✓	0.90 ✓	33.17 ✓	
	Short Wall	5 ✓	4.88 ✓	0.75 ✓	0.90 ✓	16.47 ✓	
Kitchen, Room, Room-1, Bath and Toilet							
	Long Wall	2 ✓	19.56 ✓	0.75 ✓	0.90 ✓	26.41 ✓	
	Short Wall	6 ✓	3.58 ✓	0.75 ✓	0.90 ✓	14.50 ✓	
	Corridor	2 ✓	5.50 ✓	0.75 ✓	0.90 ✓	7.43 ✓	
	Staircase	2 ✓	2.00 ✓	0.75 ✓	0.90 ✓	2.70 ✓	
	Near Compound	2 ✓	0.90 ✓	0.75 ✓	0.90 ✓	1.22 ✓	
	Sump	1 ✓	3.00 ✓	3.00 ✓	2.40 ✓	21.60 ✓	
Total Qty Work Done						252.76	
Approved Schedule B Quantity						350.33	
Qty Payable in this bill						252.76	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division



BRUHAT BANGALORE MAHANAGARA PALIKE							
FIRST AND PART BILL							
Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)							
Item No:	25						
Item Name:	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-I Page No.15, Item No.2.2.2.1 of PWD SR 2021-22)						
SLNO	CHAINAGE	NO	L	B	D	QTY	Remarks
	Land Mark		(m)	(m)	(m)		
Date of Measurement:- 18-9-2022 28-9-2022							
Vaidhika Sabha Building							
	Footings	19.00	1.80	1.80	0.45	27.70	
	Coloum - 1 up to Plinth	14.00	0.20	0.45	1.60	2.02	
	Coloum - 2 up to Plinth	5.00	0.20	0.40	1.60	0.64	
	Plinth Beam						
Ritual Room-1, Ritual Room-2, Ritual Room-3 and Store Room							
	Long Wall	2	24.40	0.30	0.23	3.37	
	Short Wall	5	5.86	0.30	0.23	2.02	
Kitchen, Room, Room-1, Bath and Toilet							
	Long Wall	2	18.58	0.30	0.23	2.56	
	Short Wall	6	1.56	0.30	0.23	1.89	
	Corridor			0.30	0.23	0.76	
	Sump Raft Bottom		3.00	3.00	0.15	1.35	
Total Qty Work Done						42.31	
Approved Schedule B Quantity						83.21	
Qty Payable in this bill						42.31	

Contractor
Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE
FIRST AND PART BILL

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	26						
Item Name:	Providing and laying in position Reinforced cement concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately)M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-I Page No.17, Item No.2.5.1 of PWD SR 2021-22)						
SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 29-09-2022 11-10-2022							
Vafdhika Sabha Building							
	Column Above Plinth	14	0.20 ✓	0.45 ✓	2.10 ✓	2.65 ✓	
	Column Above Plinth	5	0.20 ✓	0.40 ✓	2.10 ✓	0.84 ✓	
	Sump Slab Top	1	3.0 ✓	3.00 ✓	0.15 ✓	1.35 ✓	
	Sump Wall	2	3.0 ✓	0.20 ✓	2.10 ✓	2.52 ✓	
		2	3.0 ✓	0.20 ✓	2.10 ✓	2.52 ✓	
Total Qty Work Done						9.88	
Approved Schedule B Quantity						70.46	
Qty Payable in this bill						9.88	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

First & Part Bill

BRUHAT BANGALORE MAHANAGARA PALIKE		
First & Part Bill		
Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)		
Item No:	27	

**Asst.Executive Engineer
Yelahanka Division**

BRUHAT BANGALORE MAHANAGARA PALIKE
FIRST AND PART BILL

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No: 28		Grants. (PACKAGE No-03)					
Item Name:		Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.(V-I Page No.7, Item No.1.9 of PWD SR 2021-22)					
SLNO	CHAINAGE	NO	L	B	D	QTY	Remarks
	Land Mark		(m)	(m)	(m)		
Date of Measurement:- 21-10-2022 29-10-2022							
Vaidhika Sabha Building							
	Ritual Room-1	1	6.40 ✓	5.7 ✓	1.20 ✓	43.78 ✓	
	Ritual Room-2	1	6.40 ✓	5.7 ✓	1.20 ✓	43.78 ✓	
	Ritual Room-3	1	6.40 ✓	5.7 ✓	1.20 ✓	43.78 ✓	
	Store Room	1	5.70 ✓	4.9 ✓	1.20 ✓	33.52 ✓	
	Kitchen	1	4.40 ✓	3.8 ✓	0.60 ✓	10.03 ✓	
	Room	1	4.40 ✓	3.8 ✓	0.60 ✓	10.03 ✓	
	Room-1	1	3.80 ✓	3.8 ✓	0.60 ✓	7.52 ✓	
	Toilet-1	1	3.80 ✓	2.9 ✓	0.60 ✓	6.61 ✓	
	Toilet-2	1	4.40 ✓	3.8 ✓	0.60 ✓	10.03 ✓	
	Corridor	1	19.20 ✓	7 ✓	0.80 ✓	107.52 ✓	
Total Qty Work Done						316.60	
Approved Schedule B Quantity						480.90	
Qty Payable in this bill						316.60	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division

BRUHAT BANGALORE MAHANAGARA PALIKE

First and Part Bill

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No.	29							
Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) (V-II Page No.11.32, Item No.84 of PWD SR 2021-22)								
Item Name:	CHAINAGE		NO	L	B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)		
Sl.No.	Description	Dia of Bar (in mm)	No.	No. Bars	Length of Bar (in Mts.)	Unit Weight/ Mtr	Total Weight in Kgs	Total Weight in Tonne
30-10-22 3-11-22								
	Column							
a	C1 (450x200)							
	Main Bars	12	14	8	3.70	0.89	368.36	0.368
	Stirrups @ 200mm c/c	8	14 ✓	20 ✓	1.40 ✓	0.395 ✓	154.86 ✓	0.155
a	C2 (400x200)							
	Main Bars	12	5 ✓	8 ✓	3.70 ✓	0.89 ✓	131.56 ✓	0.132
	Stirrups @ 200mm c/c	8	5 ✓	20 ✓	1.30 ✓	0.395 ✓	51.36 ✓	0.051
a.1	For Footings F-1							
	Top rod.	16	19 ✓	15 ✓	2.00 ✓	1.58 ✓	900.74 ✓	0.901
	Bottom rod	16	19 ✓	15 ✓	2.00 ✓	1.58 ✓	900.74 ✓	0.901
a	Plinth Beam							
	Top rod.	16	1 ✓	3 ✓	158.70 ✓	1.58 ✓	752.36 ✓	0.752
	Bottom rod	16	1 ✓	3 ✓	158.70 ✓	1.58 ✓	752.36 ✓	0.752
	Stirrups	8	1 ✓	1058 ✓	1.80 ✓	0.395 ✓	752.36 ✓	0.752
	Raft							
	Main Bars @ 150 mm		1 ✓	20 ✓	3.00 ✓	0.89 ✓	53.33 ✓	0.053
	Main Bars @ 150 mm C/C	12	1 ✓	18 ✓	3.00 ✓	0.89 ✓	48.00 ✓	0.048
	Walls							
	Main Bars @ 150 mm C/C	12	4 ✓	14 ✓	2.10 ✓	0.89 ✓	104.53 ✓	0.105

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Slab							
Main Bars @ 150 mm C/C	12	1 ✓	20 ✓	3.00 ✓	0.89 ✓	53.33	0.053
Main Bars @ 150 mm C/C	12	1 ✓	18 ✓	3.00 ✓	0.89 ✓	48.00	0.048
					Total	5071.88	Kgs
Total Qty in Kgs							
Total Qty Work Done						5071.88	
Approved Schedule B Quantity						16974.33	
Qty Payable in this bill						5071.88	
Contractor				Project Management Consultants			
Assistant Engineer				Executive Engineer			
Yelahanka Division				Yelahanka Division			

BRUHAT BANGALORE MAHANAGARA PALIKE

FIRST AND PART BILL

Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-03)

Item No:	30						
Item Name:	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (V-II Page No.17, Item No.6.32 of PWD SR 2021-22)						
SLNO	CHAINAGE	NO	L (m)	B (m)	D (m)	QTY	Remarks
	Land Mark						
Date of Measurement:- 5-11-22 18-11-22							
Vaidhika Sabha Building							
Ritual Room-1, Ritual Room-2, Ritual Room-3 and Store Room							
	Long Wall	2	24.05		2.10	101.01	
	Short Wall	5	5.40		2.10	56.70	
Kitchen, Room, Room-1, Bath and Toilet							
	Long Wall	2	19.04		2.10	79.97	
	Short Wall	6	4.10		2.10	51.66	
Deductions							
	Columns	-18	0.23		2.10	-8.69	
Deduction							
	D	-6	1.2		2.1	-15.12	
	D1	-3	0.9		2.1	-5.67	
	W	-9	1.4		1.5	-18.9	
	V	-1	0.6		0.6	-2.16	
Total Qty Work Done						238.79	
Approved Schedule B Quantity						557.06	
Qty Payable in this bill						238.79	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

Asst.Executive Engineer
Yelahanka Division



BRUHAT BANGALORE MAHANAGARA PALIKE FIRST AND PART BILL		
Name of work:-Improvements to roads, drains and other developmental works at Akshaya, Tirumala Nagar, Attur layout, Santhosh nagara, Muneshwara layout, Sri Sai layout, B sector and surrounding areas in ward No 03 & 04 of Yelahanka Division under Amruth Nagarothan Grants.		
Item No:	31	(PACKAGE No-03)

Item
No:

31

Item
Name:

Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m³ and minimum compressive strength of 4.00 N/mm² conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (V-II Page No.17, Item No.6.34 of PWD SR 2021-22)

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	D (m)	QTY	Remarks
Date of Measurement:- 8-11-22 23-11-22							
Vaidhika Sabha Building							
	Toilet-1						
	Long Wall	1	4.10		2.10	8.61	
	Short Wall	1	1.50		2.10	3.15	
	Toilet-2						
	Long Wall	2	4.10		2.10	17.22	
	Short Wall	2	1.50		2.10	6.30	
	Doors	-6	0.9		2.1	12.42	
Total Qty Work Done						23.94	
Approved Schedule B Quantity						24.45	
Qty Payable in this bill						23.94	
Sub Total Amount						31473628.46	
Add 18% GST						5665253.12	
Grand Total Amount						37138881.58	

Contractor

Assistant Engineer
Yelahanka Division

Project Management Consultants

**Asst.Executive Engineer
Yelahanka Division**